Fig. 1

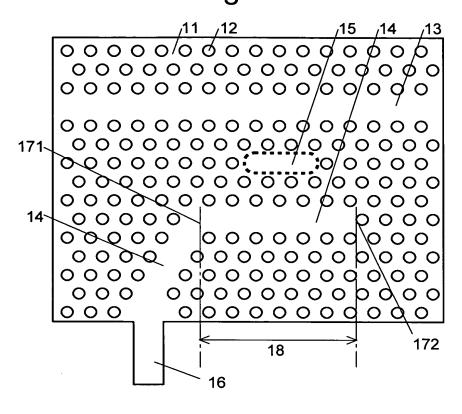


Fig. 2

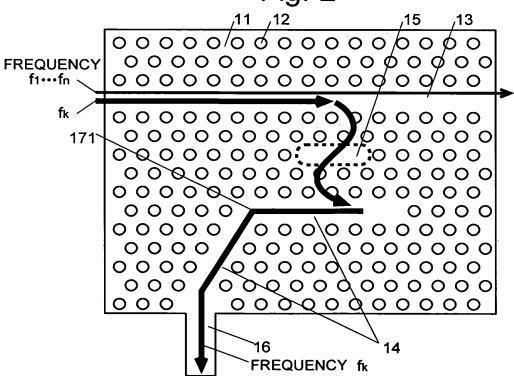


Fig. 3

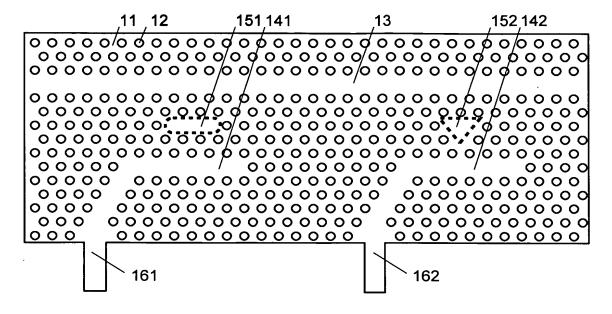


Fig. 4

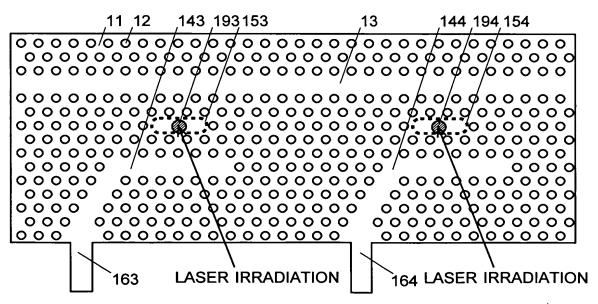


Fig. 5

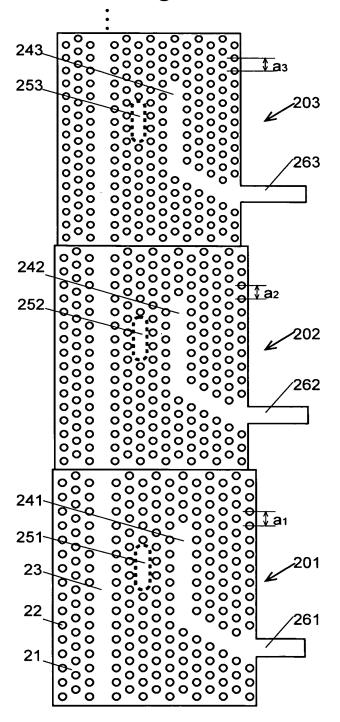


Fig. 6

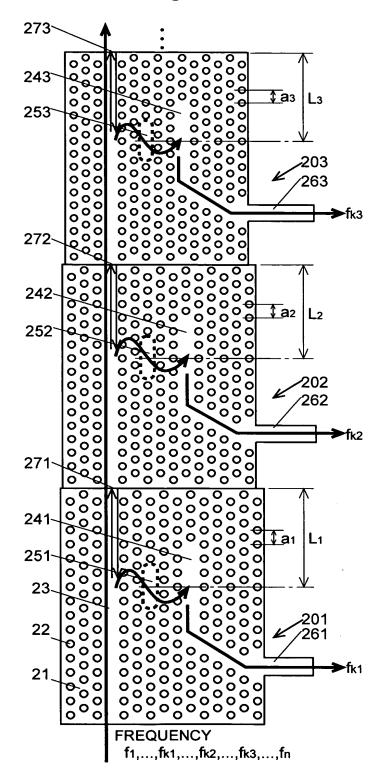


Fig. 7

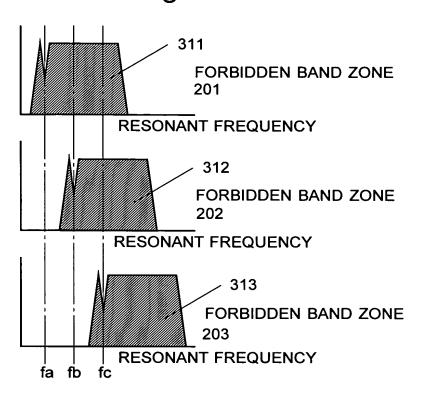


Fig. 8

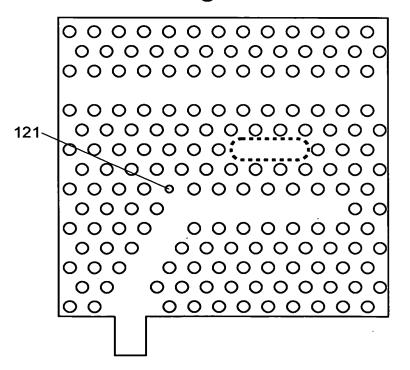


Fig. 9A

RADIUS OF HOLE AT BEND SECTION: r=0.29 (NORMAL)

RESONANT FREQUENCY CORRESPONDING TO MAXIMUM INTENSITY FOR NORMAL CASE

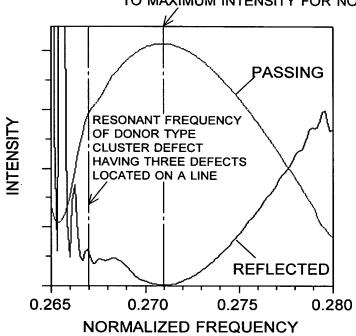
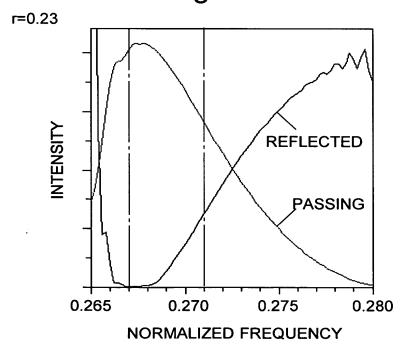


Fig. 9B



7.,

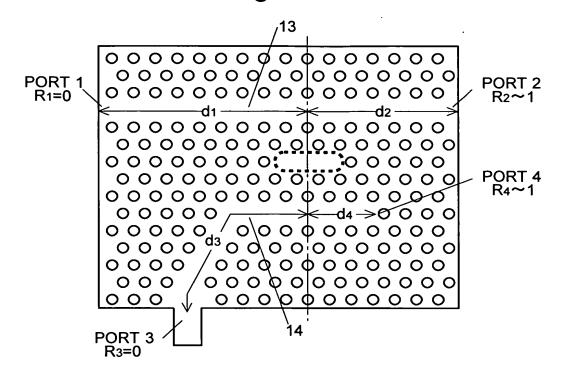


Fig. 10B

